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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/601,643	06/24/2003	Mutsuko Hatano	NITT.0142 1270			
38327 REED SMITH	7590 08/13/2007 I.I.P		· EXAMINER			
3110 FAIRVIEW PARK DRIVE, SUITE 1400 FALLS CHURCH, VA 22042			MOON, SEOKYUN			
FALLS CHUR	CH, VA 22042		ART UNIT PAPER NUMBER			
		2629				
			MAIL DATE	DELIVERY MODE		
			08/13/2007 .	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)
10/601,643	HATANO ET AL.
Examiner	Art Unit
Seokyun Moon	2629

	Seokyun Woon	2023	
The MAILING DATE of this communication appe	ars on the cover sheet with the c	correspondence add	ress
THE REPLY FILED <u>ON 6/21/2007</u> FAILS TO PLACE THIS APF	PLICATION IN CONDITION FOR A	LLOWANCE.	
1. The reply was filed after a final rejection, but prior to or on this application, applicant must timely file one of the follow places the application in condition for allowance; (2) a No a Request for Continued Examination (RCE) in compliance time periods:	ving replies: (1) an amendment, af tice of Appeal (with appeal fee) in	fidavit, or other evider compliance with 37 C	rce, which FR 41.31; or (3)
a) \square The period for reply expires 4 months from the mailing date	of the final rejection.		
b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire is	ater than SIX MONTHS from the mailing	ig date of the final rejecti	on.
Examiner Note: If box 1 is checked, check either box (a) or (TWO MONTHS OF THE FINAL REJECTION. See MPEP 7	06.07(f).		
Extensions of time may be obtained under 37 CFR 1.136(a). The date have been filed is the date for purposes of determining the period of extender 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office later may reduce any earned patent term adjustment. See 37 CFR 1.704(b) NOTICE OF APPEAL	tension and the corresponding amount shortened statutory period for reply orig than three months after the mailing da	of the fee. The appropr pinally set in the final Offi	iate extension fee ce action; or (2) as
 The Notice of Appeal was filed on A brief in comp filing the Notice of Appeal (37 CFR 41.37(a)), or any exter a Notice of Appeal has been filed, any reply must be filed 	nsion thereof (37 CFR 41.37(e)), to	o avoid dismissal of th	ns of the date of e appeal. Since
<u>AMENDMENTS</u>			
3. The proposed amendment(s) filed after a final rejection, (a) They raise new issues that would require further complete. They raise the issue of new matter (see NOTE below) They are not deemed to place the application in beto.	nsideration and/or search (see NC w);	TE below);	
appeal; and/or (d) They present additional claims without canceling a			
NOTE: (See 37 CFR 1.116 and 41.33(a)).			
 The amendments are not in compliance with 37 CFR 1.15 	21. See attached Notice of Non-Co	ompliant Amendment	(PTOL-324).
Applicant's reply has overcome the following rejection(s)			
 Newly proposed or amended claim(s) would be all non-allowable claim(s). 		-	
7. For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is protected. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: 1-8,10, and 11. Claim(s) withdrawn from consideration:		ill be entered and an e	explanation of
AFFIDAVIT OR OTHER EVIDENCE			
 The affidavit or other evidence filed after a final action, but because applicant failed to provide a showing of good an was not earlier presented. See 37 CFR 1.116(e). 	d sufficient reasons why the affida	vit or other evidence i	s necessary and
9. The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to of showing a good and sufficient reasons why it is necessar	overcome <u>all</u> rejections under appe y and was not earlier presented. S	eal and/or appellant fa See 37 CFR 41.33(d)(ils to provide a 1).
 The affidavit or other evidence is entered. An explanatio REQUEST FOR RECONSIDERATION/OTHER 			
 The request for reconsideration has been considered bu <u>Please see the attached sheet.</u> 	it does NOT place the application i	in condition for allowa	nce because:
12. ☐ Note the attached Information Disclosure Statement(s).13. ☐ Other:	(PTO/SB/08) Paper No(s)		

DETAILED ACTION

Response to Arguments

The Applicants' arguments filed on June 21, 2007 have been fully considered.

Examiner respectfully submits that the Applicants' arguments regarding the amended part of the limitation of claim 1 will not be discussed in this correspondence since it requires further search and consideration.

Examiner respectfully submits that the Applicants' arguments regarding the original limitation of claim 1 are not persuasive.

In the arguments, the Applicants pointed out that AAAP does not teach the claim limitation, "... roughly-band-shaped-crystal silicon films having grain boundaries continuous in generally one direction and said active elements have a direction of movement of carries therein in a direction of said grain boundaries".

Examiner respectfully disagrees.

In AAPA, the portions of the boundaries (the white lines shown on drawing 1 of this correspondence, which is equivalent to figure 35(A) of the current invention) of the grains located at the outer boundary of the roughly-band-shaped-crystal silicon films are continuous in generally one direction.



Drawing 1

Furthermore, as explained in the previous Final Rejection mailed on February 21, 2007, the charge carries of the active elements of AAPA moves from a source to drain. Even though the carries of AAPA travel in a zigzag fashion when microscopically considered, since the starting

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and ending point of the movement of the carriers of AAPA are the source and the drain of the

active elements, it would be reasonable to consider the general direction of the movement of the

carriers being same as the direction from the source to the drain of the active elements.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

Yamazaki (US 7,173,282) teaches a method of manufacturing/fabricating a

semiconductor device used in a display device.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Seokyun Moon whose telephone number is (571) 272-5552. The

examiner can normally be reached on Mon - Fri (8:30 a.m. - 5:00 p.m.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Sumati Lefkowitz can be reached on (572) 272-3638. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

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information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

August 6, 2007

- s.m.

SUMATI LEFKOWITZ
SUPERVISORY PATENT EXAMINER